

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **STREAMING MEDIA BITRATE SWITCHING METHODS AND APPARATUS** the specification of which      is attached hereto or X was filed on October 16, 2001 as Application No. Unassigned and was amended on                      (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/297,943	06/12/01

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

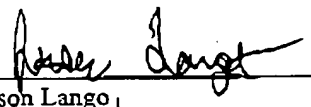
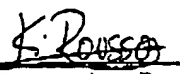
Sujit B. Kotwal, Reg. No. 43,336  
Stephen Y. Pang, Reg. No. 38,575

Send Correspondence to: <b>Stephen Y. Pang</b> <b>TOWNSEND and TOWNSEND and CREW LLP</b> <b>Two Embarcadero Center, 8<sup>th</sup> Floor</b> <b>San Francisco, California 94111-3834</b>	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: <b>Stephen Y. Pang</b> Reg. No.: <b>38,575</b> Telephone: <b>650-326-2400</b>
--	--

Full Name of Inventor 1:	Last Name: <b>LANGO</b>	First Name: <b>JASON</b>	Middle Name or Initial:	
Residence & Citizenship:	City: <b>Mountain View</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>801 Church St. #1313</b>	City: <b>Mountain View</b>	State/Country: <b>California</b>	Postal Code: <b>94041</b>
Full Name of Inventor 2:	Last Name: <b>ROUSSOS</b>	First Name: <b>KONSTANTINOS</b>	Middle Name or Initial:	
Residence & Citizenship:	City: <b>Sunnyvale</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>Canada</b>	
Post Office Address:	Post Office Address: <b>1063 Morse Ave. Apt. 8-103</b>	City: <b>Sunnyvale</b>	State/Country: <b>California</b>	Postal Code: <b>94089</b>
Full Name of Inventor 3:	Last Name: <b>TSAI</b>	First Name: <b>ROBERT</b>	Middle Name or Initial:	
Residence & Citizenship:	City: <b>Atlanta</b>	State/Foreign Country: <b>Georgia</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>925 Canterbury Road #813</b>	City: <b>Atlanta</b>	State/Country: <b>Georgia</b>	Postal Code: <b>30324</b>

Full Name of Inventor 4:	Last Name: <b>WAGNER</b>	First Name: <b>J.</b>	Middle Name or Initial: <b>CHRISTOPHER</b>	
Residence & Citizenship:	City: <b>Langley</b>	State/Foreign Country: <b>Washington</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>5120 S. Crawford Rd.</b>	City: <b>Langley</b>	State/Country: <b>Washington</b>	Postal Code: <b>98260-0929</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Jason Lango	Signature of Inventor 2  Konstantinos Roussos	Signature of Inventor 3  Robert Tsai
Date <u>1/21/2002</u>	Date <u>JAN 21/2002</u>	Date
Signature of Inventor 4  Christopher Wagner		
Date		

Attorney Docket No.: 020564-000500US  
Client Reference No.: P01-1243

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **STREAMING MEDIA BITRATE SWITCHING METHODS AND APPARATUS** the specification of which was filed on October 16, 2001 as Application No. 09/981,672.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/297,943	06/12/01

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Sujit B. Korwal, Reg. No. 43,336  
Stephen Y. Pang, Reg. No. 38,575

Send Correspondence to: <b>Stephen Y. Pang</b> <b>TOWNSEND and TOWNSEND and CREW LLP</b> <b>Two Embarcadero Center, 8<sup>th</sup> Floor</b> <b>San Francisco, California 94111-3834</b>	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: <b>Stephen Y. Pang</b> Reg. No.: <b>38,575</b> Telephone: <b>650-326-2400</b>
--	--

Full Name of Inventor 1:	Last Name: <b>LANGO</b>	First Name: <b>JASON</b>	Middle Name or Initial:	
Residence & Citizenship:	City: <b>Mountain View</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>801 Church St. #1313</b>	City: <b>Mountain View</b>	State/Country: <b>California</b>	Postal Code: <b>94041</b>
Full Name of Inventor 2:	Last Name: <b>ROUSSOS</b>	First Name: <b>KONSTANTINOS</b>	Middle Name or Initial:	
Residence & Citizenship:	City: <b>Sunnyvale</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>Canada</b>	
Post Office Address:	Post Office Address: <b>1063 Morse Ave. Apt. 8-103</b>	City: <b>Sunnyvale</b>	State/Country: <b>California</b>	Postal Code: <b>94089</b>
Full Name of Inventor 3:	Last Name: <b>TSAI</b>	First Name: <b>ROBERT</b>	Middle Name or Initial: <b>Lieh-Yuan</b>	
Residence & Citizenship:	City: <b>Atlanta</b>	State/Foreign Country: <b>Georgia</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>925 Canterbury Road #813</b>	City: <b>Atlanta</b>	State/Country: <b>Georgia</b>	Postal Code: <b>30324</b>

Attorney Docket No.: 020564-000500US  
 Client Reference No.: P01-1243

Full Name of Inventor 4:	Last Name: <b>WAGNER</b>	First Name: <b>J.</b>	Middle Name or Initial: <b>CHRISTOPHER</b>	
Residence & Citizenship:	City: <b>Langley</b>	State/Foreign Country: <b>Washington</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>5120 S. Crawford Rd.</b>	City: <b>Langley</b>	State/Country: <b>Washington</b>	Postal Code: <b>98260-0929</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 <i>Robert Tsai</i>	Signature of Inventor 2	Signature of Inventor 3
_____ Jason Lango	_____ Konstantinos Roussos	_____ Robert Tsai
Date	Date	Date January 22, 2002
Signature of Inventor 4		
_____ Christopher Wagner		
Date		



Attorney Docket No.: 020564-000500US  
Client Reference No.: P01-1243

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **STREAMING MEDIA BITRATE SWITCHING METHODS AND APPARATUS** the specification of which \_\_\_\_\_ is attached hereto or X was filed on October 16, 2001 as Application No. Unassigned and was amended on \_\_\_\_\_ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/297,943	06/12/01

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Sujit B. Korwal, Reg. No. 43,336  
Stephen Y. Pang, Reg. No. 38,575

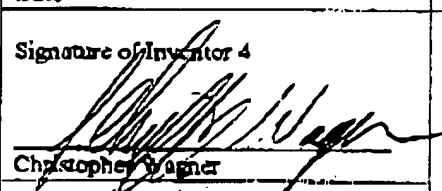
Send Correspondence to: Stephen Y. Pang TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8 <sup>th</sup> Floor San Francisco, California 94111-3834	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: Stephen Y. Pang Reg. No.: 38,575 Telephone: 650-326-2400
---	---

Full Name of Inventor 1:	Last Name: <b>LANGO</b>	First Name: <b>JASON</b>	Middle Name or Initial:
Residence & Citizenship:	City: <b>Mountain View</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>801 Church St #1313</b>	City: <b>Mountain View</b>	State/Country: <b>California</b>
			Postal Code: <b>94041</b>
Full Name of Inventor 2:	Last Name: <b>ROUSSOS</b>	First Name: <b>KONSTANTINOS</b>	Middle Name or Initial:
Residence & Citizenship:	City: <b>Sunnyvale</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>Canada</b>
Post Office Address:	Post Office Address: <b>1063 Morse Ave. Apt. 8-103</b>	City: <b>Sunnyvale</b>	State/Country: <b>California</b>
			Postal Code: <b>94089</b>
Full Name of Inventor 3:	Last Name: <b>TSAI</b>	First Name: <b>ROBERT</b>	Middle Name or Initial:
Residence & Citizenship:	City: <b>Atlanta</b>	State/Foreign Country: <b>Georgia</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>925 Canterbury Road #13</b>	City: <b>Atlanta</b>	State/Country: <b>Georgia</b>
			Postal Code: <b>30324</b>

bkDocket  
Client Reference No.: bkClientRef

Full Name of Inventor 4:	Last Name: <b>WAGNER</b>	First Name: <b>J.</b>	Middle Name or Initial: <b>CHRISTOPHER</b>
Residence & Citizenship:	City: <b>Langley</b>	State/Foreign Country: <b>Washington</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>5120 S. Crawford Rd.</b>	City: <b>Langley</b>	State/Country: <b>Washington</b> Postal Code: <b>98260-0929</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
<u>Jason Lango</u>	<u>Konstantinos Roussos</u>	<u>Robert Tsai</u>
Date	Date	Date
Signature of Inventor 4		
		
<u>Christopher Wagner</u>		
Date <u>1/22/02</u>		

PA 3177154 v2